

INTERNATIONAL SEARCH REPORT

Inte ial Application No
PCT/IB2004/052320

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H05B33/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 320 284 A (UNIV HONG KONG) 18 June 2003 (2003-06-18) column 10, paragraph 41 - column 11, paragraph 43; figure 14	1-14
A	US 2003/043611 A1 (BOCKLE REINHARD ET AL) 6 March 2003 (2003-03-06) cited in the application page 2, paragraph 25 - page 4, paragraph 43; figures 1,2	1-14
A	US 2002/186026 A1 (ELFERICH REINHOLD) 12 December 2002 (2002-12-12) the whole document	1-14

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

21 January 2005

Date of mailing of the international search report

31/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Burchielli, M

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/052320

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1320284	A	18-06-2003	US 2003112229 A1	19-06-2003
			CN 1426270 A	25-06-2003
			EP 1320284 A2	18-06-2003
US 2003043611	A1	06-03-2003	DE 10013207 A1	20-09-2001
			AU 5037201 A	24-09-2001
			WO 0169978 A1	20-09-2001
			EP 1264518 A1	11-12-2002
US 2002186026	A1	12-12-2002	DE 10122534 A1	21-11-2002
			DE 10143251 A1	20-03-2003
			EP 1257047 A2	13-11-2002
			EP 1257048 A2	13-11-2002
			JP 2002374673 A	26-12-2002
			JP 2003018838 A	17-01-2003
			US 2002181259 A1	05-12-2002
			US 2004170030 A1	02-09-2004
			EP 1303032 A2	16-04-2003
			JP 2003111408 A	11-04-2003
			US 2003067791 A1	10-04-2003